



Free 12'x6' Garden Shed Plan

Free vs. Premium Plan: What's the Difference?

We offer both free and premium versions of our detailed shed plans, designed to fit your needs and budget. Check out the table below to see the key differences and choose the plan that's right for you:

Features	Free Plan	Premium Plan
Steps Count	10	20
Illustrations per Step	Limited	Every Step
Print Ready Format	X	✓
Step-by-Step Instructions	Basic	Comprehensive
Full Materials & Cutting List	X	✓
Additional Illustrations	X	✓
Additional Blueprints	X	✓
Tools List	X	✓
Fastening Elements List	X	✓
Technical Support	X	✓

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12'x6' She Shed Material List

Site Preparation

- Concrete
- Bricks

Bottom Frame

- Pressure-Treated Lumber
- Plywood

Walls Frames

- Pressure-Treated Lumber

Shed's Roof

- Pressure-Treated Lumber
- Pressure-Treated Board
- Plywood
- Building paper
- Asphalt shingles
- Metal drip edge

Front/Side Shed's Window

- Pressure-Treated Lumber
- Window beading
- Glass

Shed's Door

- Pressure-Treated Lumber
- Window beading
- Glass

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

- Door hinges
- Surface bolt
- Door lock
- Corner braces
- Galvanized nails
- Wood screws

STEP 1

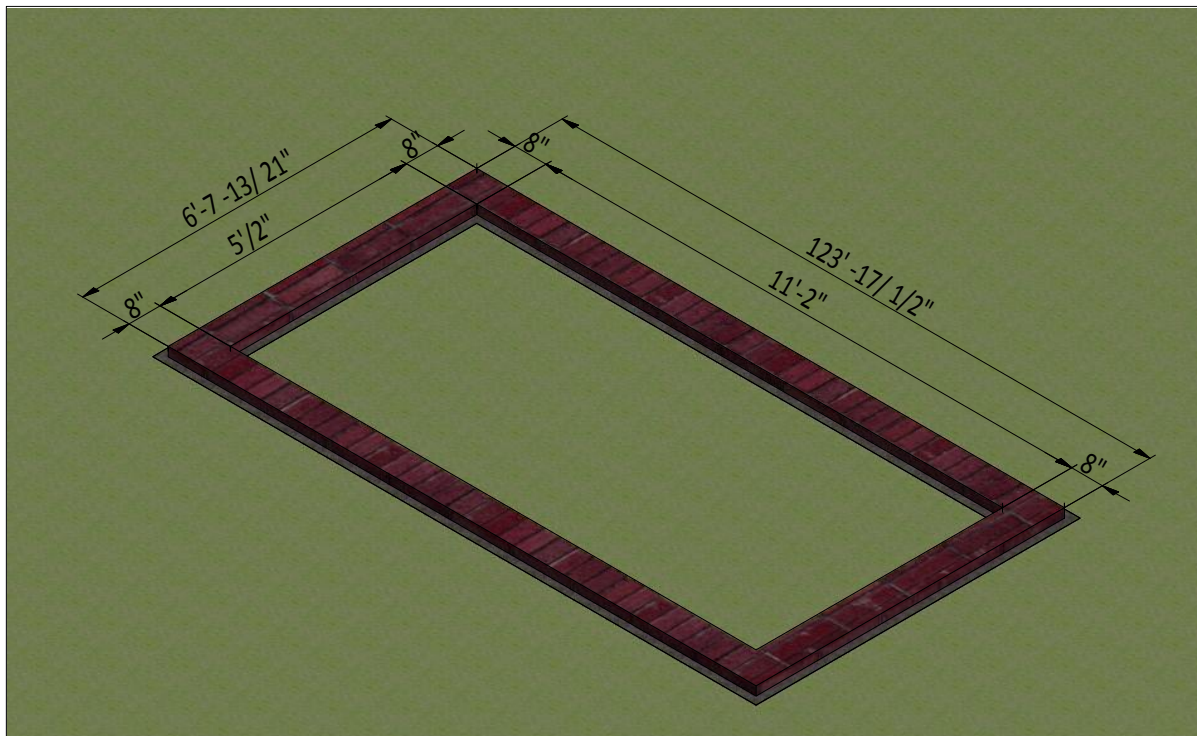
Foundation Preparation

1.1 Clear the area where you want to build the shed and layout for the foundation. Use the below illustration as a guide.

1.2 For the foundation, dig the trenches at least 1 foot wide and 1 foot deep.

1.3 Fill the trenches to ground level with concrete and let cure, or harden. Since curing times vary between brands, read the packaging for recommended curing times.

1.4 Once the concrete has cured, use standard-sized bricks and lay them across the foundation. You will need roughly 100 bricks for this step.



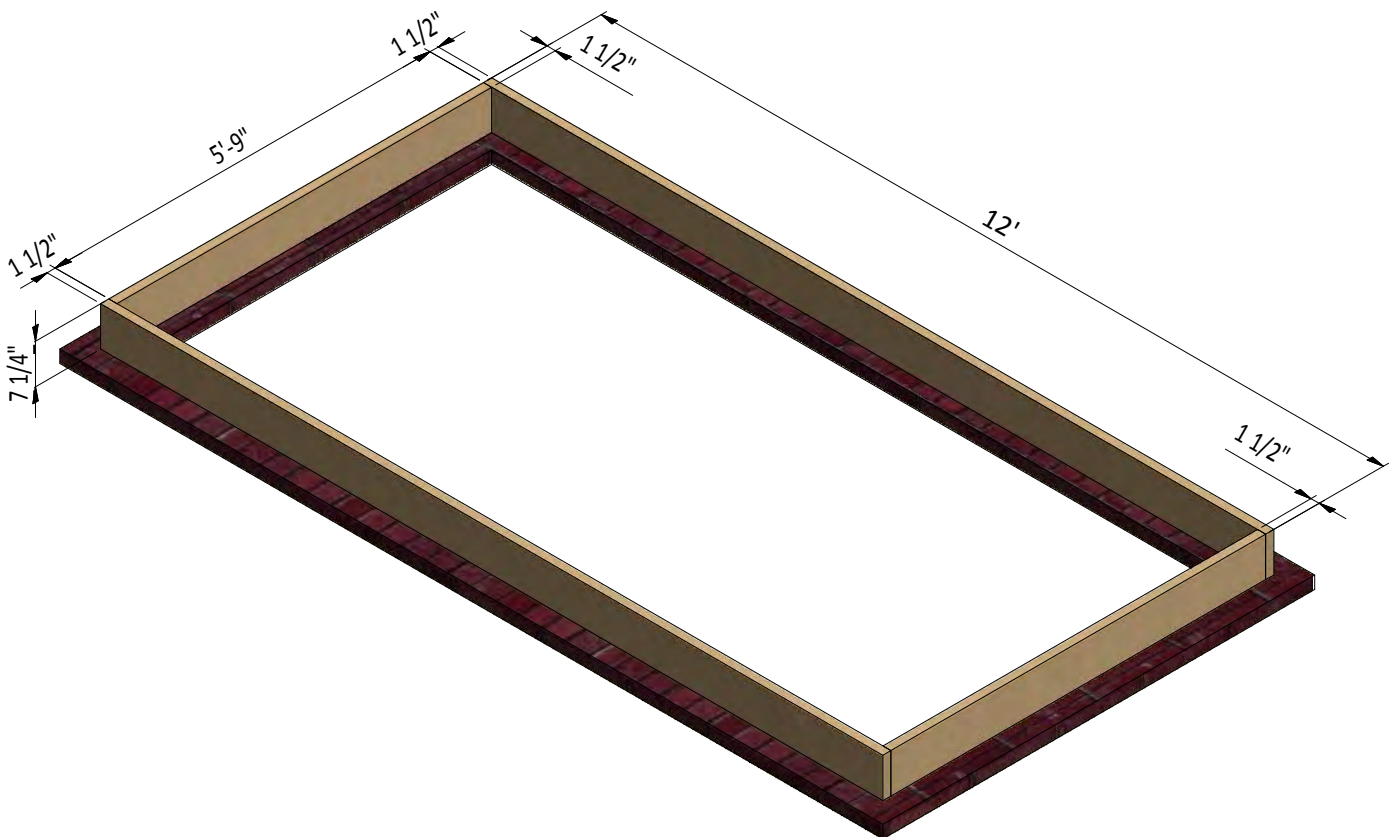
STEP 2

Framing the Floor

2.1 Assemble the frame using $1\frac{1}{2}$ " x $7\frac{1}{4}$ " pressure-treated lumber. You will need two boards cut to 12' that will be the rim joist and two boards cut to 5'-9" that will be the joist.

2.2 Secure the beams with 8x5" wood screws.

2.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



STEP 3

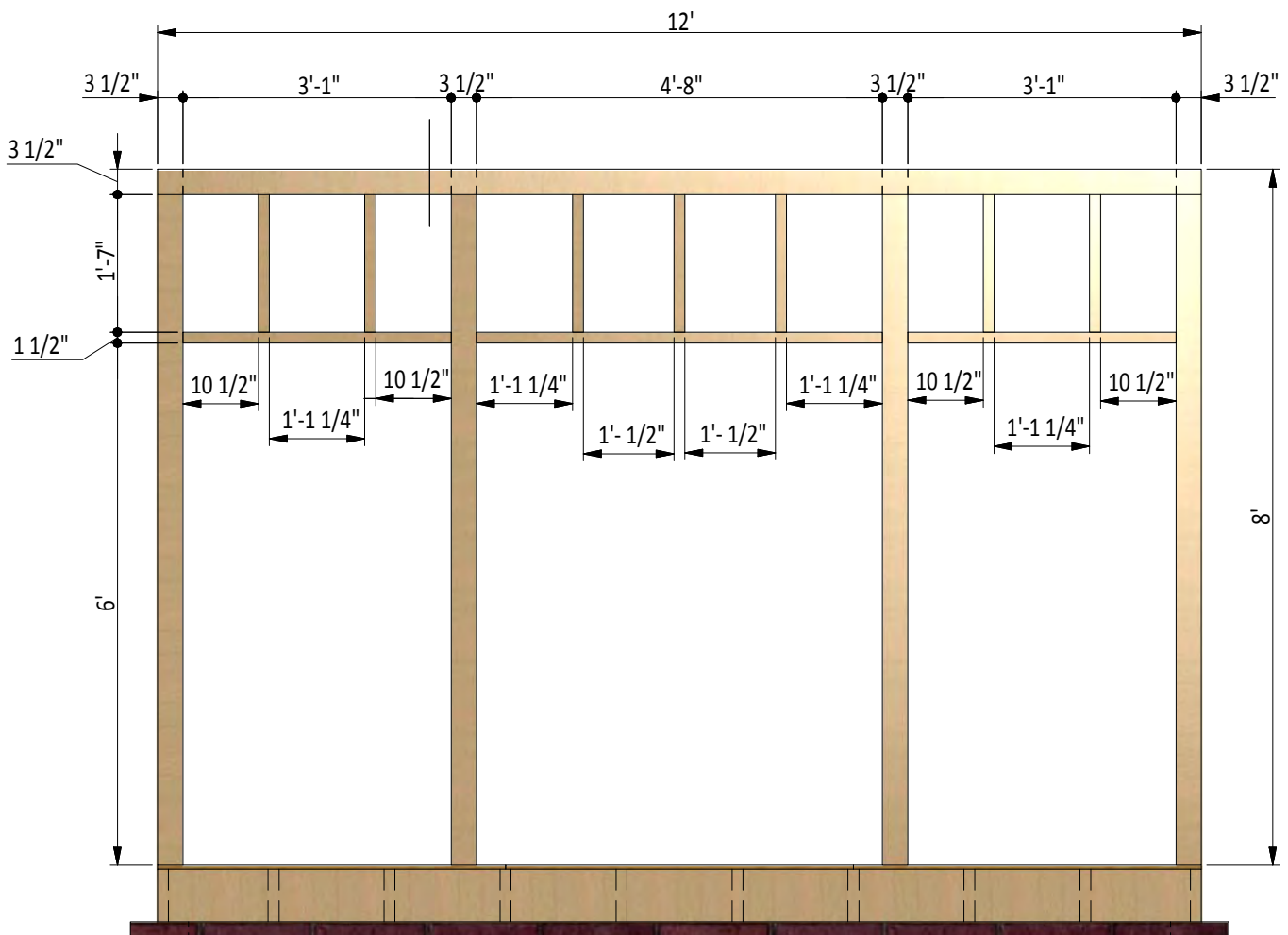
Assemble Front Wall Frame

3.1 Using 1 1/2" x 3 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, construct front wall frame using the drawing below as a reference. You will need seven boards cut to 1'-7" that will be the cripple studs, one board cut to 4'-8" and two boards cut to 3'-1" that will be the door headers, four boards cut to 8' that will be the studs, two boards cut to 3'-1" and one board cut to 4'-8" that will be the top beams.

3.2 Connect the beams with 2x4" and 2x5" wood screws.

3.3 Using 3/4" x 3 1/2" pressure-treated board provide front wall top plates. Cut two boards 12' long and connect them with 8x2" wood screws from both sides of the top beams.

3.4 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



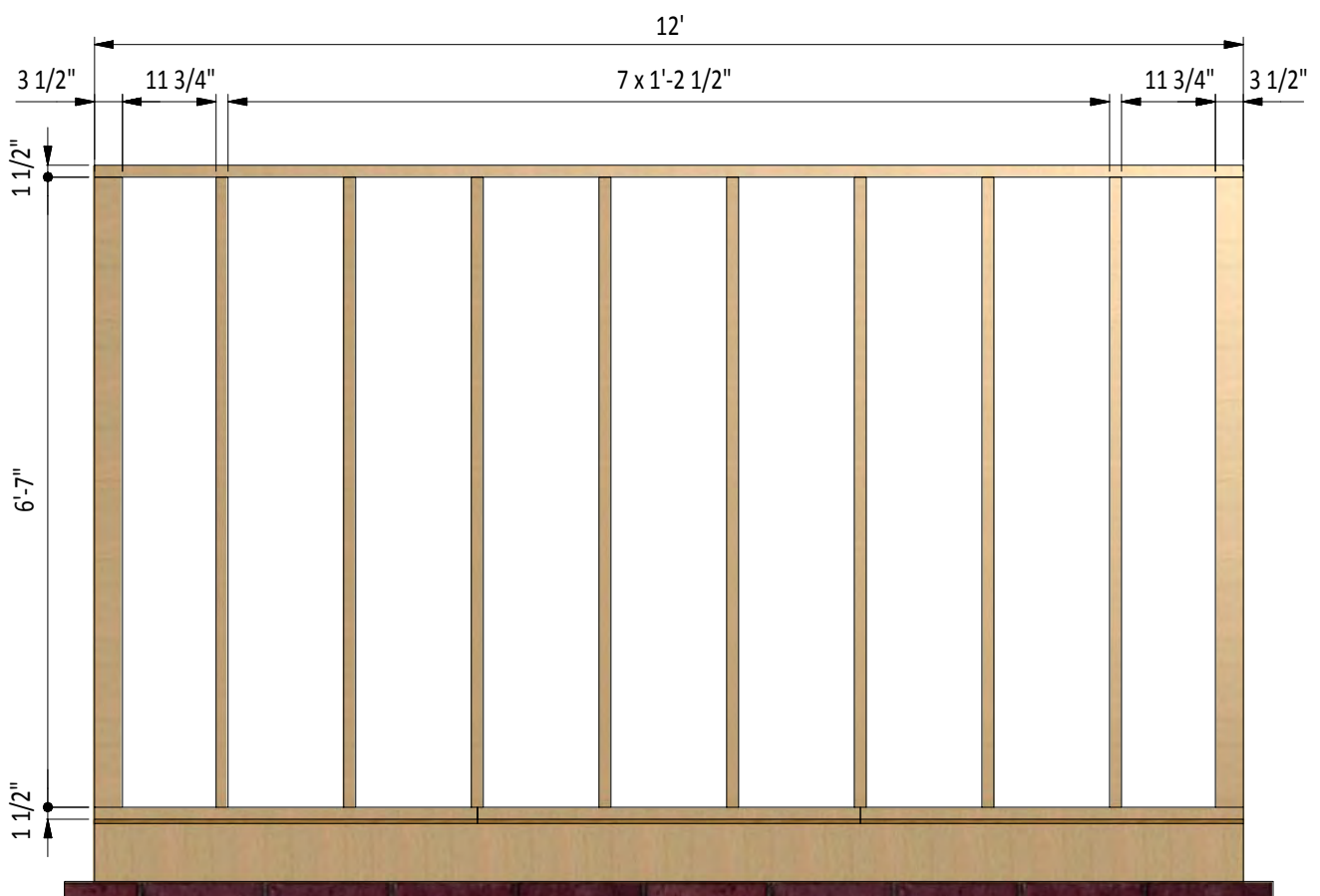
STEP 4

Assemble Back Wall Frame

4.1 Using $1\frac{1}{2}" \times 3\frac{1}{2}"$ and $3\frac{1}{2}" \times 3\frac{1}{2}"$ pressure-treated lumber, construct back wall frame using the drawing below as a reference. You will need ten boards cut to 6'-7" that will be the studs and two boards cut to 12' that will be the top and bottom plates.

4.2 Connect the beams with 2x4" wood screws.

4.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



STEP 5

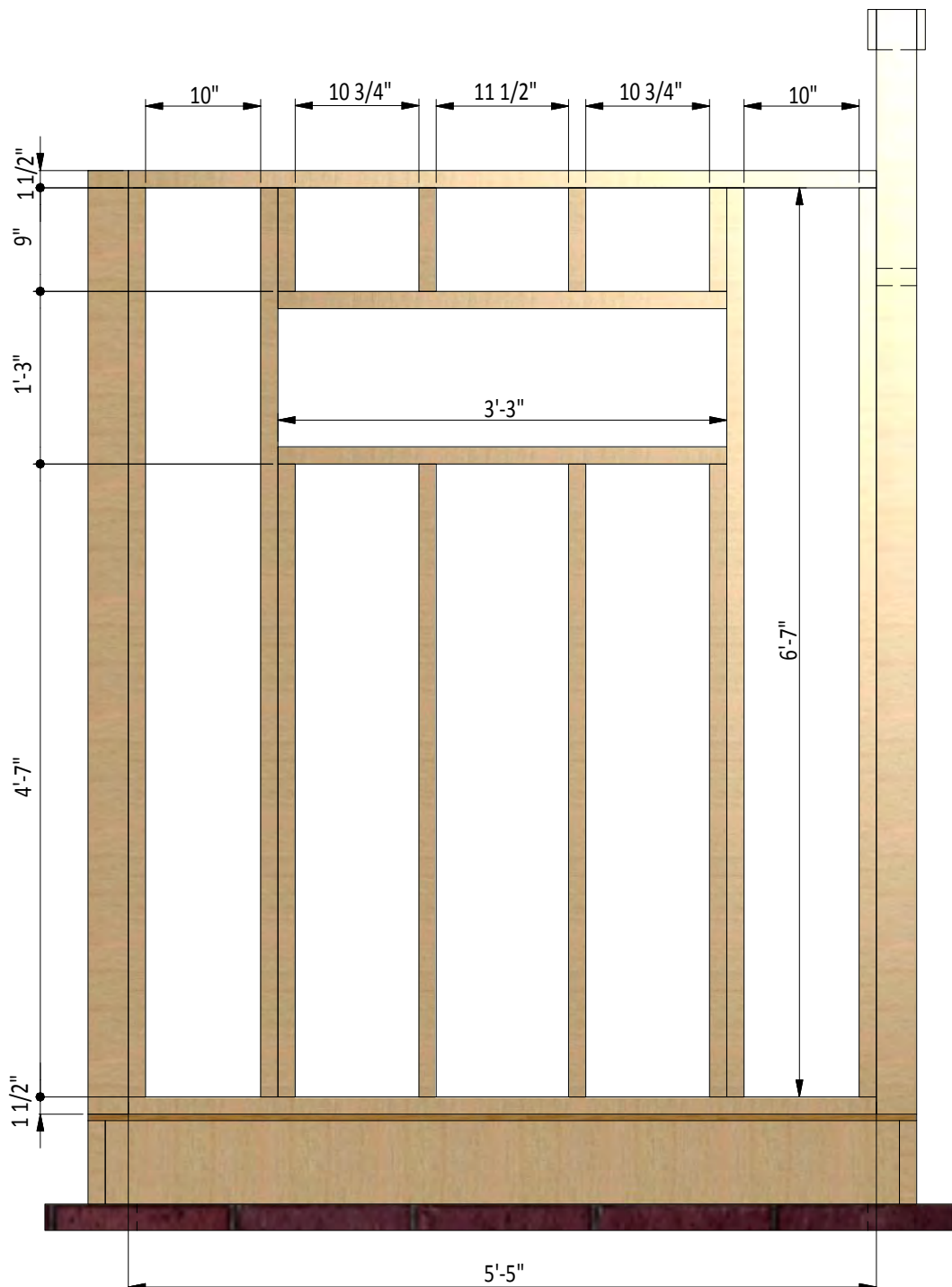
Assemble Left and Right Wall Frames

5.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct side wall frames using the drawing below as a reference.

You will need four boards cut to 9" that will be the cripple studs, four boards cut to 4'-7" that will be the studs, two boards cut to 3'-3" that will be the window header and rough sill, four boards cut to 6'-7" that will be the studs and two boards cut to 5'-5" that will be the top and bottom plates.

5.2 Connect the beams with 2x4" wood screws.

5.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.

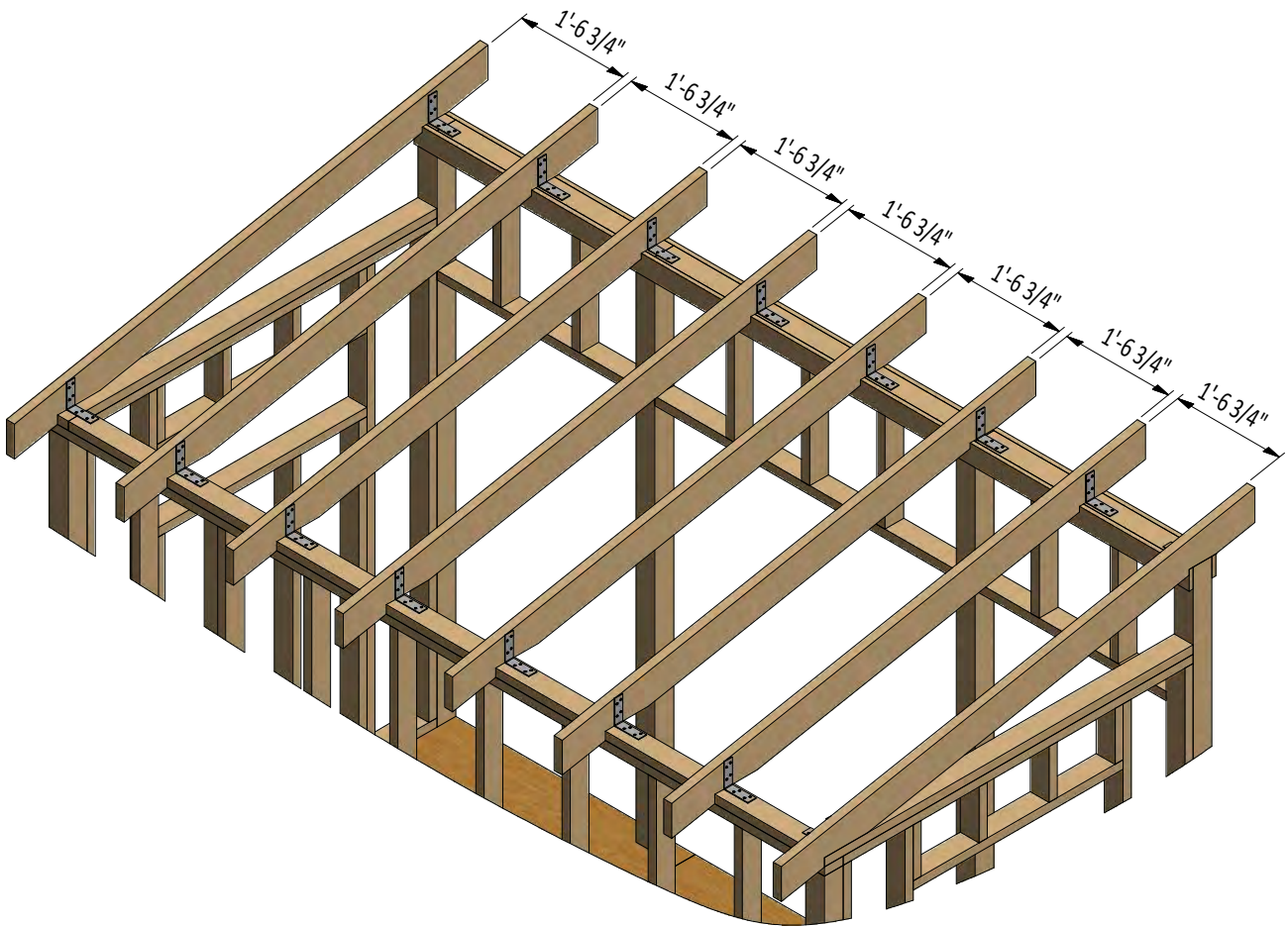


STEP 6

Assemble The Roof Frame

6.1 Using 1 1/2 " x 5 1/2 " pressure-treated lumber, cut eight rafters 7'-6 3/4" long according to the dimensions in drawing below. Cut the recesses in each beam for splicing connection with wall frames.

6.2 Connect the beams with a top frame with the help of 1 1/2" x 1 1/2" x 4 1/2" corner braces and 1" wood screws.



STEP 7

Double Door Installation for the Front Wall

It is necessary to prepare two identical halves of the door.

7.1 Using 1 1/2 " x 3 1/2 " and 1 1/2 " x 7 1/4" pressure-treated lumber, assemble the frame for the window as shown in the drawings below. You will need two boards cut to 6'-7 1/2" that will be the studs and two boards cut to 2'-3 3/4" that will be the top and bottom girts. Cut the recesses for splicing connection.

7.2 Additionally, add three horizontal supports 2'-3 3/4" long using 1 1/2" x 1 1/2" lumber and cut the recesses for the glass.

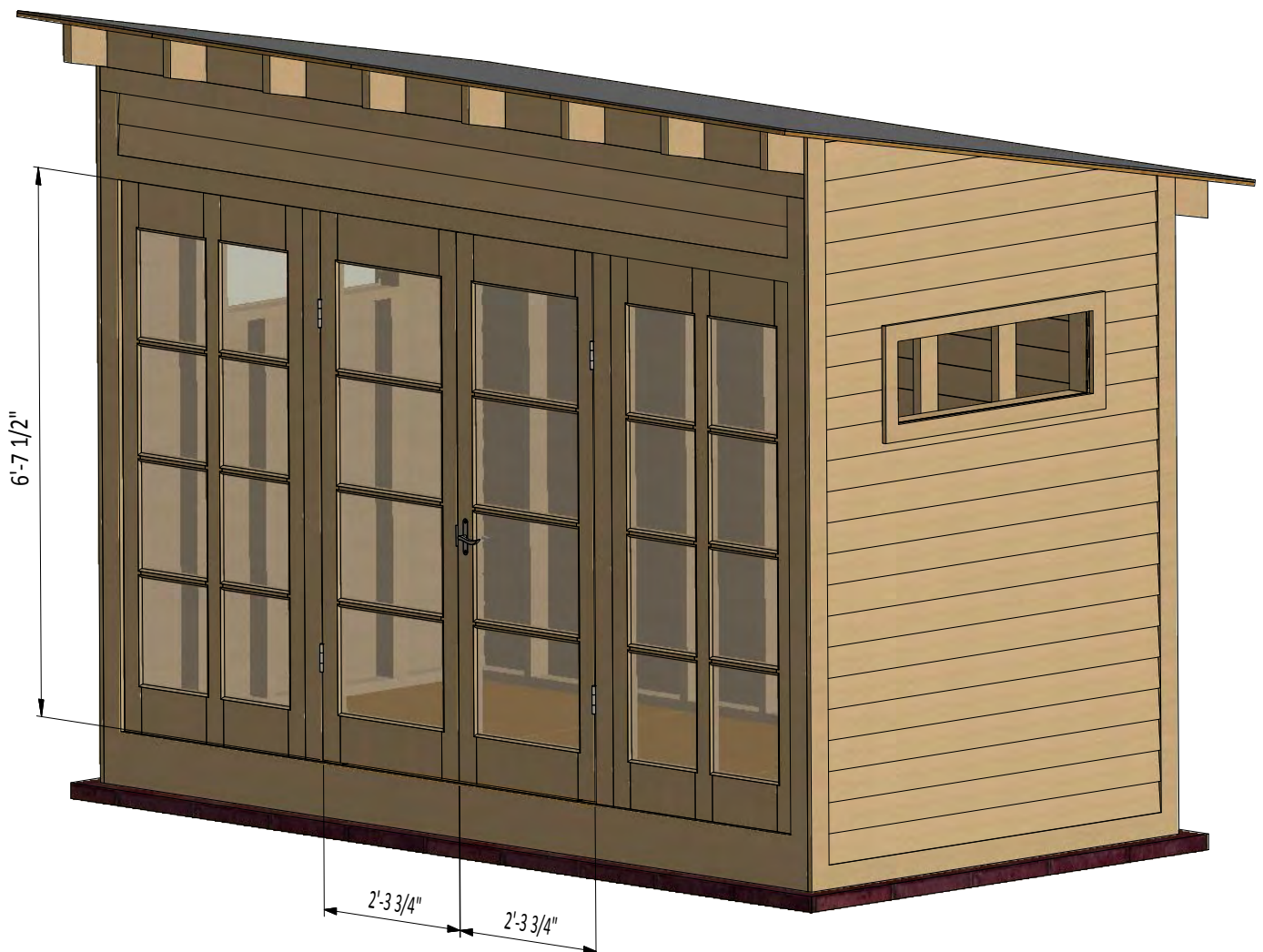
7.3 Connect the beams with 1" wood screws.

7.4 Cut the recesses for the 4" x 1" hinges in both halves.

7.5 Mill the recess for the locking clamp in the inactive door and recess for the lock with handles in active door according to the door lock set documentation that you have to buy.

7.6 Install four hinges (4") with 1" wood screws and assemble the doors. Install 4" surface bolts on the inner side of the inactive door. Install door lock set.

7.7 Prepare and install glass and fasten it by window beading from four sides. Use 1/2" galvanized nails.



STEP 8

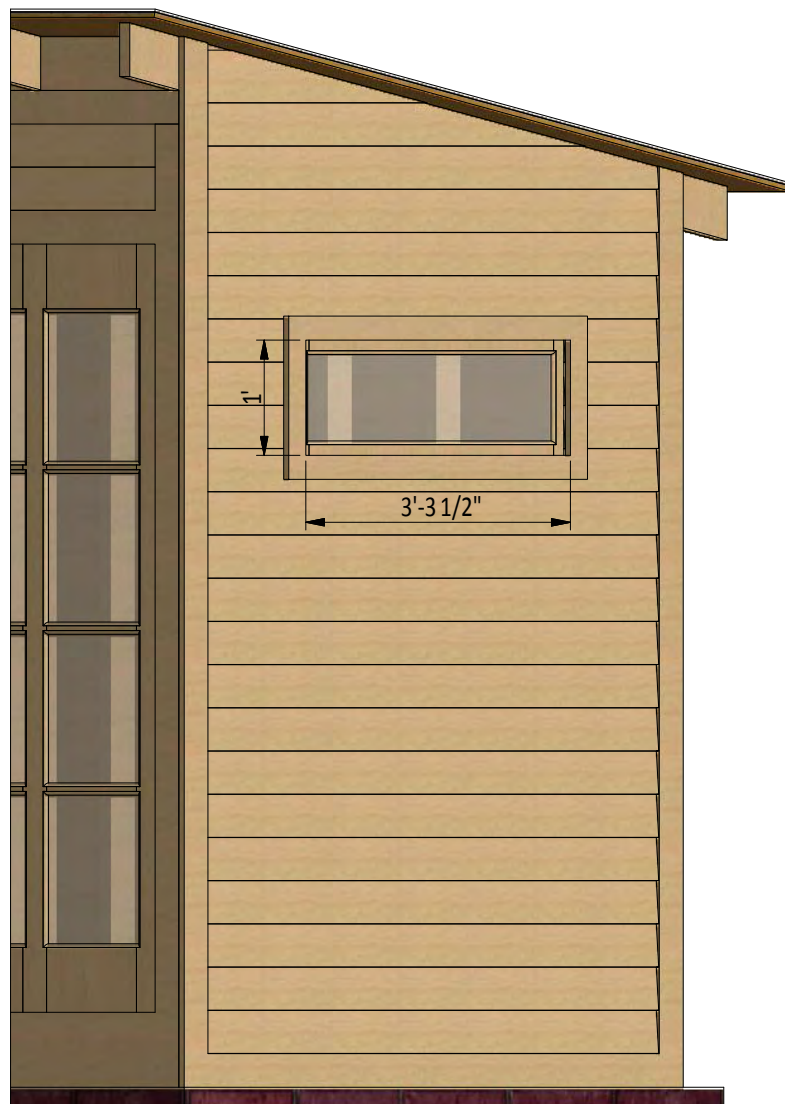
Window Installation for Left and Right Walls

It is necessary to prepare 2 windows.

8.1 Using 1 1/2 " x 1 1/2 " pressure-treated lumber, assemble the frame for the window as shown in the drawing below. You will need two boards cut to 1' that will be the vertical girts and two boards cut to 3'-3" that will be the horizontal girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

8.2 Prepare and install glass into inner frame groove and fasten it by window beading from four sides. Use 1/2" galvanized nails.

8.3 Insert window into side wall openings and connect them with 8x2" wood screws to the wall beams.



STEP 9

Roof Sheathing Installation

9.1 You will need 110 Sq Ft of asphalt shingle roofing.

9.2 Add the metal drip edge to the fascias.

9.3 Cover the plywood with building paper.

9.4 Install asphalt shingle roofing using an industrial stapler.



STEP 10

Shed Decoration

Now that your shed is all done, you are ready to decorate it any way you want using your favorite paint, stain, or preservative.



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